

Claims:

1. A mower comprising a blade housing (11), in which a blade (12) rotates about a vertical rotational axis (13) in a rotational plane, so that for movement of the mower in a mowing direction, cutting material is cut corresponding to a diameter of the blade, a front region of the blade housing in the mowing direction is at least partially covered by a base plate, which runs between the blade and ground, and in an operating position, the rotational plane of the blade is inclined at an angle of more than 0° to 15° to the ground.
2. A mower according to claim 1, wherein the rotational axis is inclined relative to the blade housing.
3. A mower according to claim 1, wherein an inner section of the blade in the radial direction has no cutting edge and is formed as a disk.
4. A mower according to claim 1, wherein the blade is formed as a bell (28) that is open at bottom with an outer edge (29) in the radial direction, which is inclined downwards and outward, and the cutting edges are formed by notches (30) bent inwards.
5. A mower according to claim 4, wherein there are at least four cutting edges arranged symmetric to the rotational axis.

6. A mower according to claim 4, wherein, in the operating position, the edge (29) extends at an angle between 45° and approximately 90° inclined to the ground.

7. A mower according to claim 1, wherein at least an outermost cutting edge (22) in a radial direction is aligned essentially parallel to the ground in the operating position.

8. A mower according to claim 1, wherein the base plate (19) is substantially flat and parallel to the rotational plane of the blade.

9. A mower according to claim 1, wherein the base plate (19) extends from a front to approximately a middle of the blade housing.

10. A mower according to claim 1, wherein the base plate covers the rotational axis and the rotational axis is mounted on the base plate.

11. A mower according to claim 1, wherein the base plate has at least one outer recess (27) in a region providing an inlet to the blade.

12. A mower according to claim 1, wherein the blade housing has a lateral discharge opening (24) for the cutting material and the base plate (19) at least partially extends under the discharge opening.

13. A mower according to claim 1, wherein the blade housing has an open back relative to a direction of travel.

14. A mower comprising a blade housing (11), in which a blade (12) rotates about a vertical rotational axis (13) in a rotational plane, which, in an operating position, is essentially parallel to a ground surface, so that for movement of the mower in a mowing direction (17), cutting material is cut corresponding to a diameter of the blade, a front region (18) of the blade housing in the mowing direction (17) is at least partially covered by a base plate (19), which runs between the blade and the ground surface, and the blade has in a radial direction at least two cutting edge regions (20, 21, 22) with different cutting heights.

15. A mower according to claim 14, wherein a cutting height of the cutting edge regions (20, 21, 22) decreases in steps at least in sections from inside to outside in the radial direction.

16. A mower according to claim 15, wherein at least one cutting edge region (21) of the blade (12) extends diagonally downwards and outward in the radial direction.

17. A mower according to claim 16, wherein, in the operating position, the at least one cutting edge region extends at an angle between 15° and 45° inclined to the ground surface.

18. A mower according to claim 14, wherein at least one cutting edge region (21) of the blade (12) extends diagonally downwards and outward in the radial direction.

19. A mower according to claim 14, wherein the blade has a stepped profile at least in sections in the radial direction, such that an inner cutting edge region (20) with reference to the rotational axis is provided with a higher cutting height, and an outer cutting edge region (22) is provided with a lower cutting height.

20. A mower according to claim 14, wherein the base plate (19') is shaped similar to a radial profile of the blade.